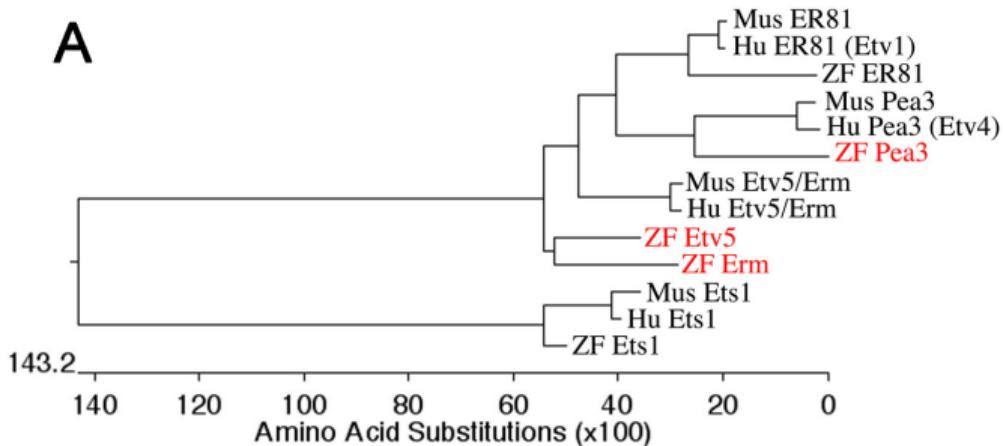
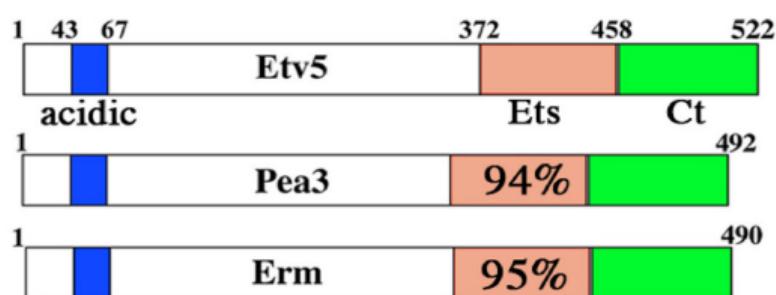
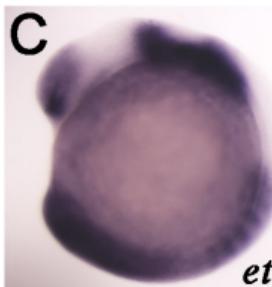
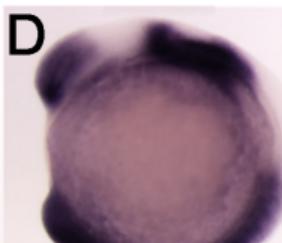
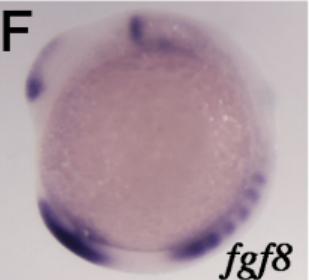
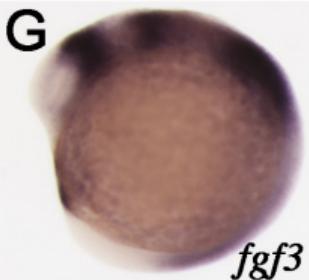
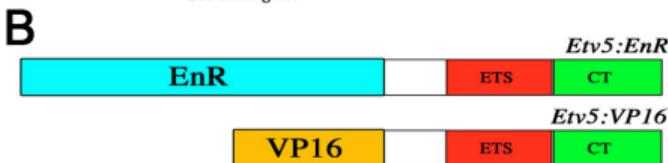
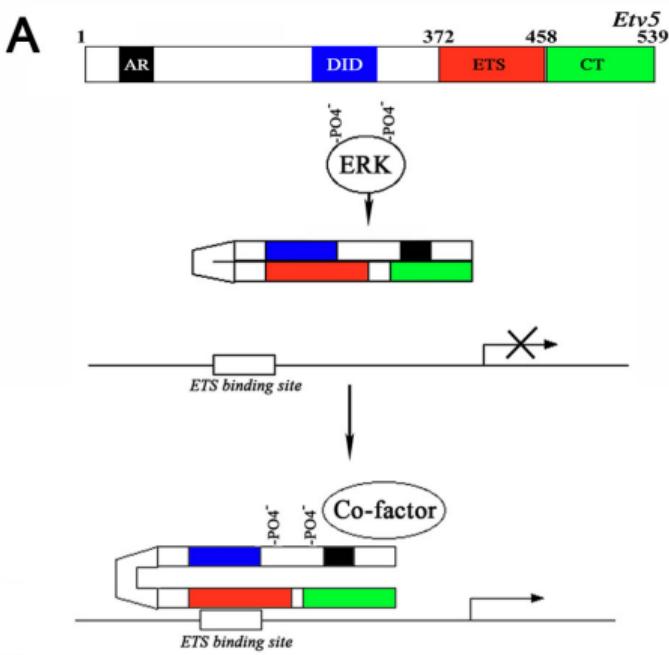


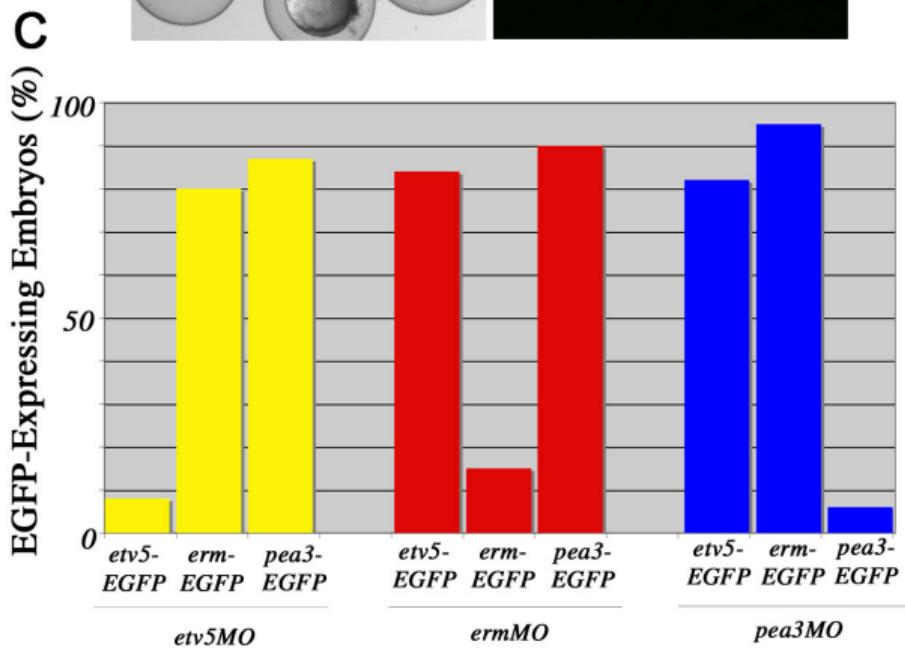
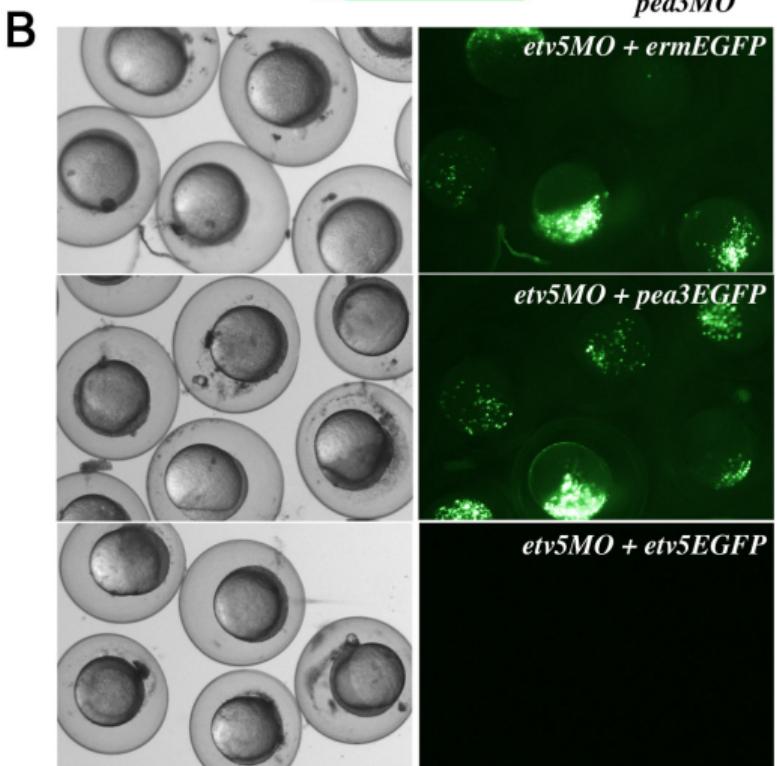
A**B****C***etv5***D***erm***E***pea3***F***fgf8***G***fgf3*

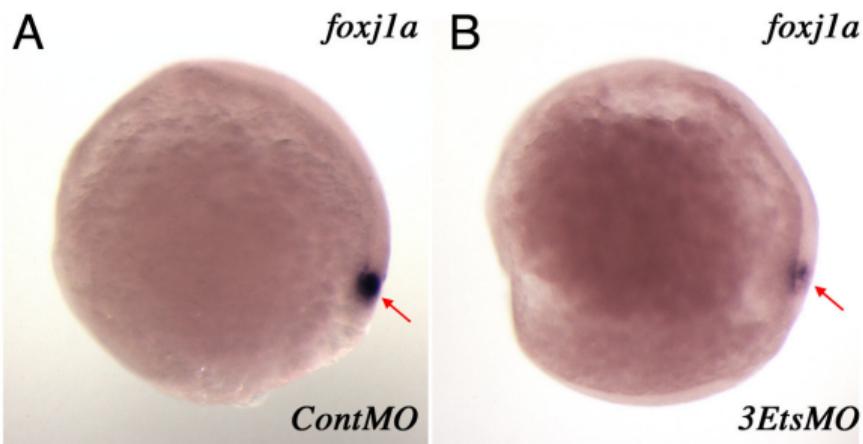


C

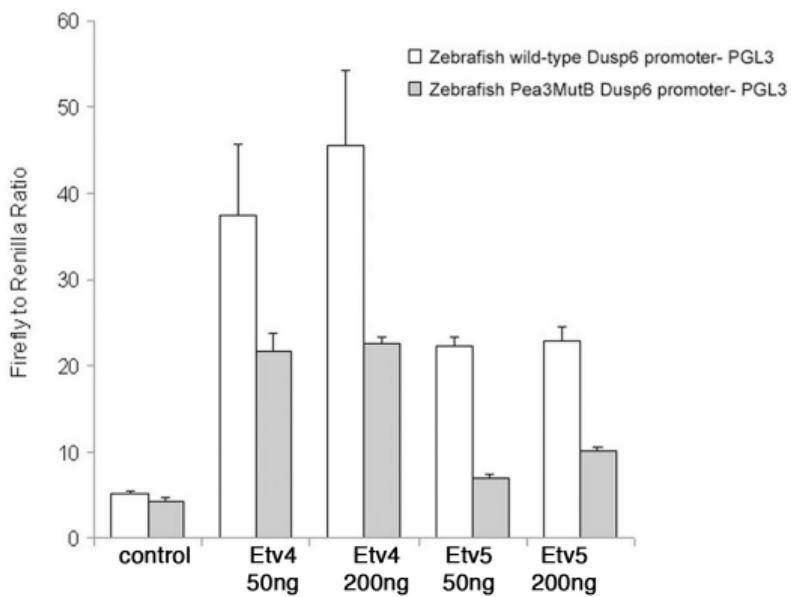
S G F	K P L	T	P P T	T	P	L	S P	hu Etv5
S G F	K P L	T	P P A	T	P	L	S P	m Etv5
T G F	K P L	T	P P S	T	P	V	S P	zf Etv5
T F N	K P L	T	P P S	T	P	A	S P	zf erm







Supplementary Figure 4

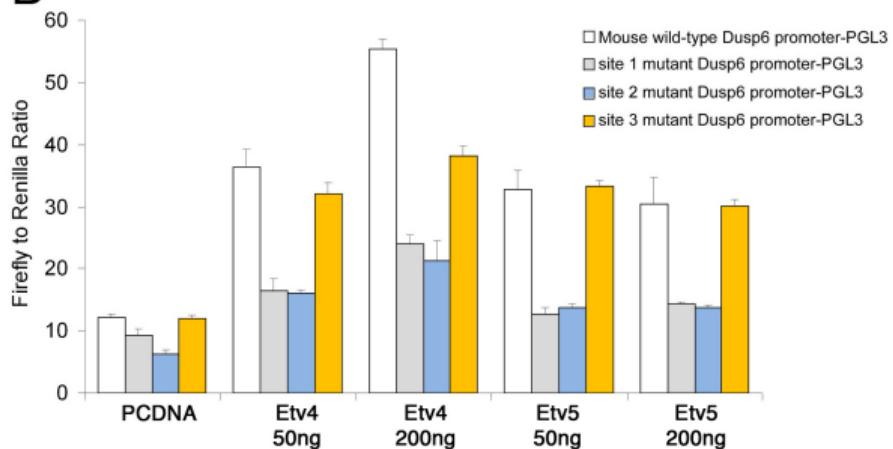


Supplementary Figure 5

A Alignment of highly conserved region in the Dusp6 promoter containing 3 putative Etv4/Etv5 binding motifs (bold)

mouse	ATCCGGAGC GGAA ATTCCCTTCCGTTTCTCAATG
human	ATCCGGAGC GGAA ATTCCCTTCCGTTTCTCAATG
zebrafish	ATCCGGAGC GGAA ATTCCCTTCCGTTTCTCAATG
fugu	ATCCGGAGC GGAA ATTCCCTTCCGTTTCTCAATG
Site 1 wt	ATCCGGAGC GGAA ATTCCCTTCCGTTTGTGAATG
Site 1 mt	ATCCGGAGC GTC ATTCCCTTCCGTTTGTGAATG
Site 2 wt	ATCCGGAGC GGAA ATTCCCTTCCGTTTGTGAATG
Site 2 mt	ATCCGGAGC GGAA GA ACTTCCGTTTGTGAATG
Site 3 wt	ATCCGGAGC GGAA ATTCC TTC CGTTTGTGAATG
Site 3 mt	ATCCGGAGC GGAA ATTCC TG CGTTTGTGAATG
zebrafish	ATCCGGAGC GGAA ATTCCCTTCCGTTTCTCAATG
Pea3B Mut	ATCCGG GC GG CCCG TCTTCCGTTTCTCAATG

B



Supplementary Figure 6